

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031819\
 Data File : BE099016.D
 Acq On : 19 Mar 2019 1:09
 Operator : JU/SJ
 Sample : K1937-17
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW306I-20190314

Quant Time: Mar 19 03:48:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 15 05:31:33 2019
 Response via : Initial Calibration

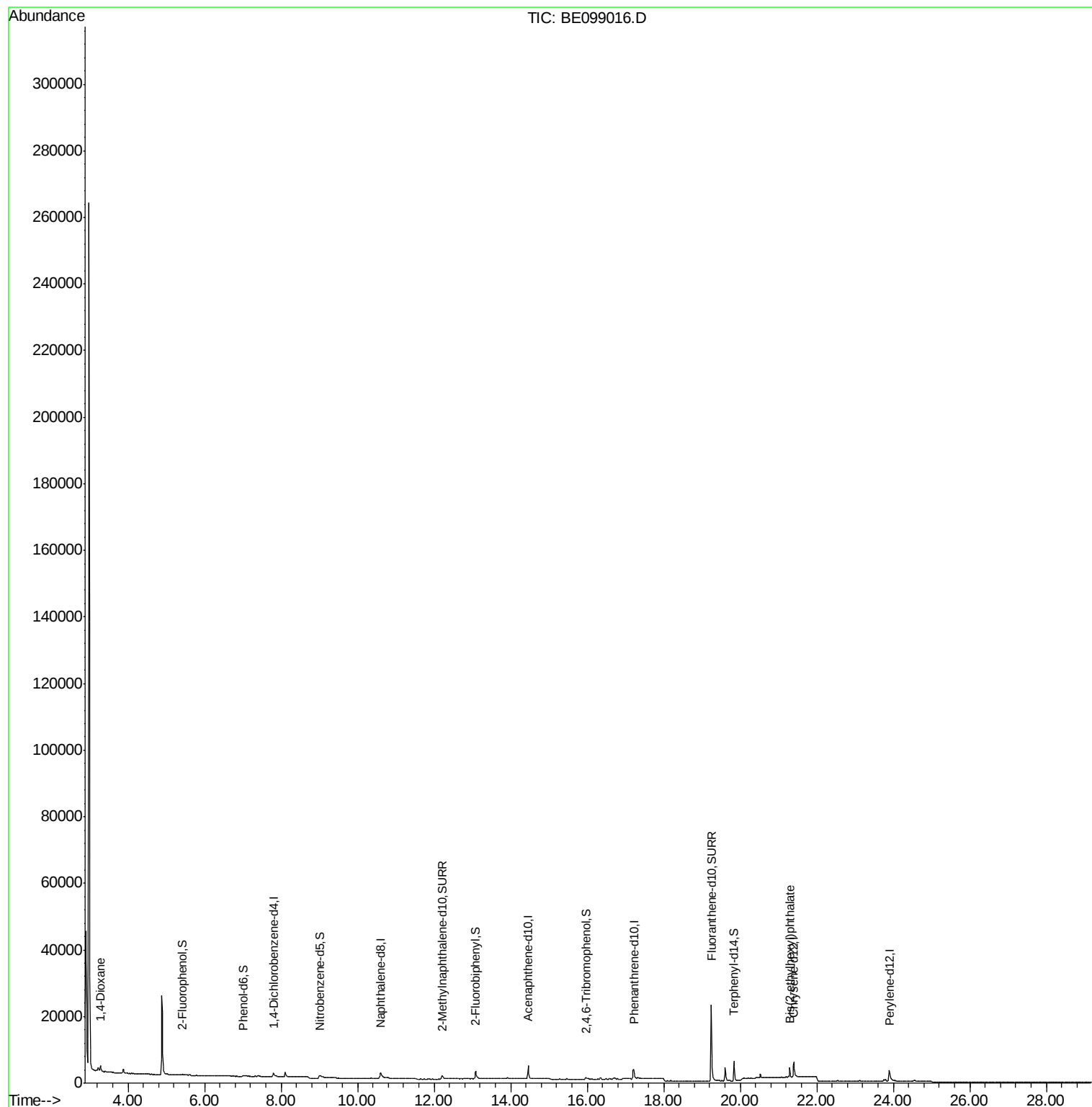
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	829	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3773	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2734	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6453	0.40	ng	0.00
27) Chrysene-d12	21.40	240	7450	0.40	ng	0.00
34) Perylene-d12	23.90	264	6713	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.42	112	339	0.14	ng	0.04
5) Phenol-d6	7.01	99	374	0.11	ng	0.02
8) Nitrobenzene-d5	9.00	82	1264	0.32	ng	0.04
11) 2-Methylnaphthalene-d10	12.21	152	2733	0.39	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	429	0.31	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4511	0.40	ng	0.00
25) Fluoranthene-d10	19.24	212	39129	0.38	ng	0.00
29) Terphenyl-d14	19.84	244	6890	0.38	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	1036	0.707	ng	# 78
32) Bis(2-ethylhexyl)phthalate	21.29	149	3133	0.063	ng	# 99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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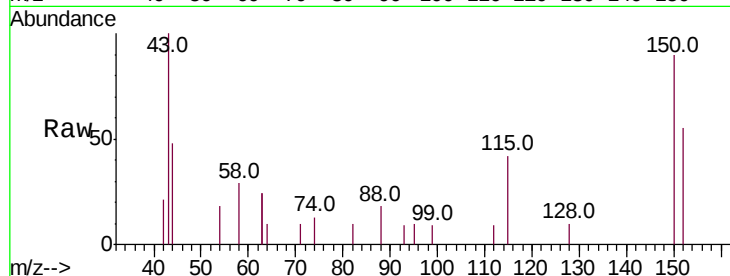


#1

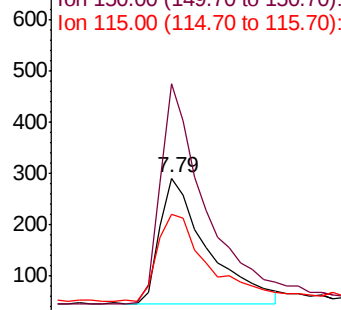
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE099016.D
Acq: 19 Mar 2019 1:09

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW306I-20190314

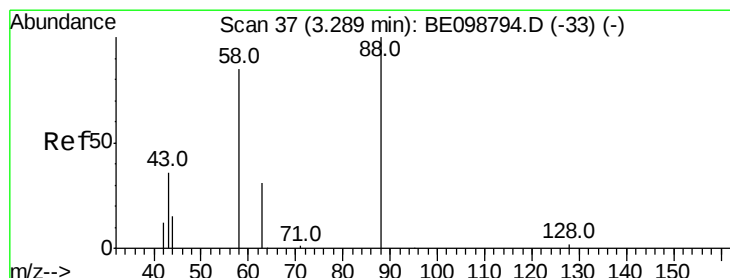
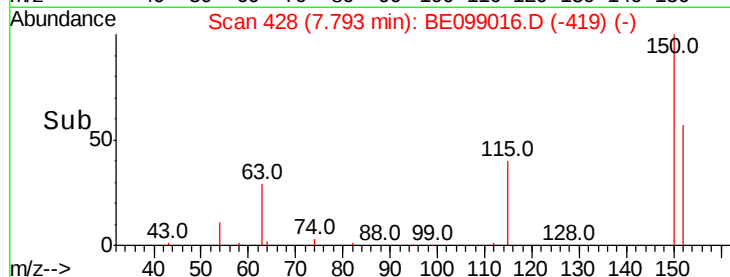
Tot Ion:152 Resp: 829
Ion Ratio Lower Upper
152 100
150 163.2 122.5 183.7
115 75.9 57.4 86.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



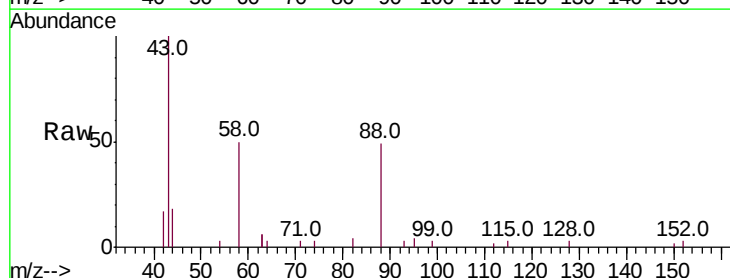
Time-->



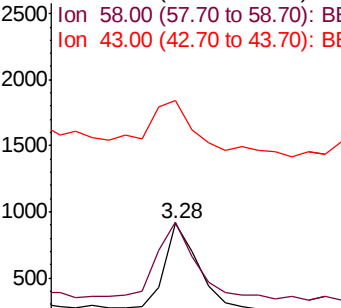
#2

1,4-Dioxane
Concen: 0.707 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE099016.D
Acq: 19 Mar 2019 1:09

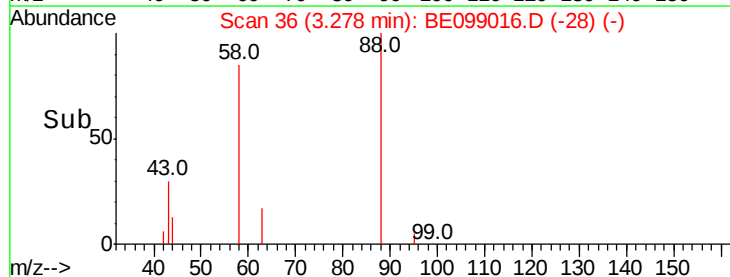
Tgt Ion: 88 Resp: 1036
Ion Ratio Lower Upper
88 100
58 104.5 75.8 113.6
43 83.4 41.8 62.8#



Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0



Time-->





#4

2-Fluorophenol

Concen: 0.137 ng

RT: 5.42 min Scan# 222

Delta R.T. 0.04 min

Lab File: BE099016.D

Acq: 19 Mar 2019 1:09

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW306I-20190314

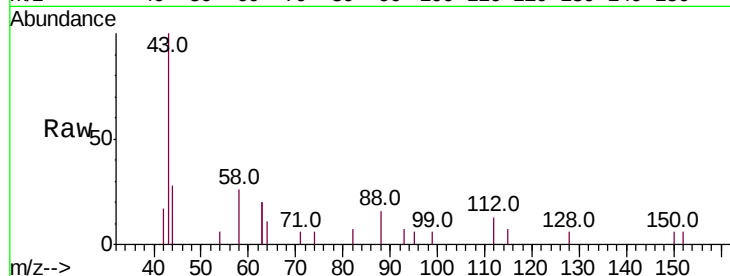
Tot Ion: 112 Resp: 339

Ion Ratio Lower Upper

112 100

64 97.3 57.9 86.9#

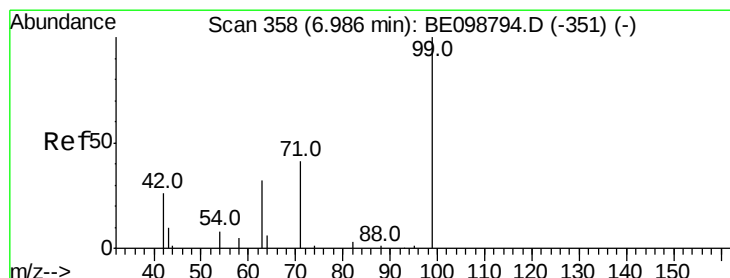
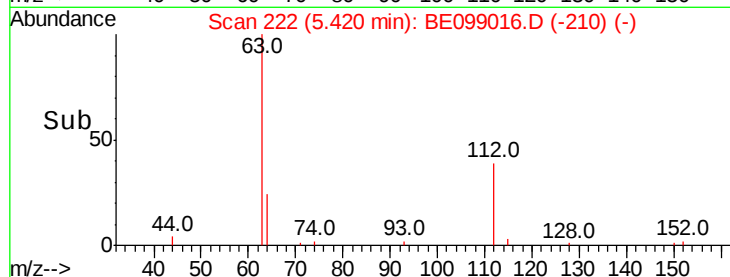
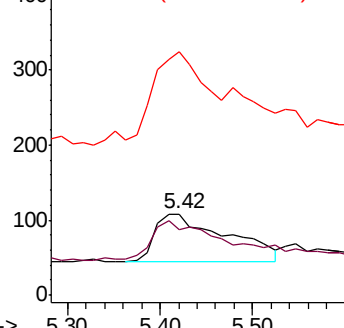
63 154.6 158.3 237.5#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.107 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.02 min

Lab File: BE099016.D

Acq: 19 Mar 2019 1:09

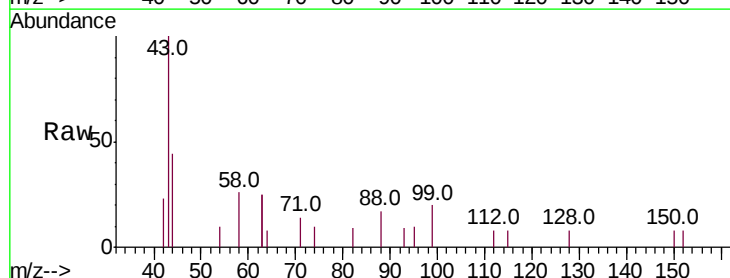
Tgt Ion: 99 Resp: 374

Ion Ratio Lower Upper

99 100

42 54.0 24.2 36.2#

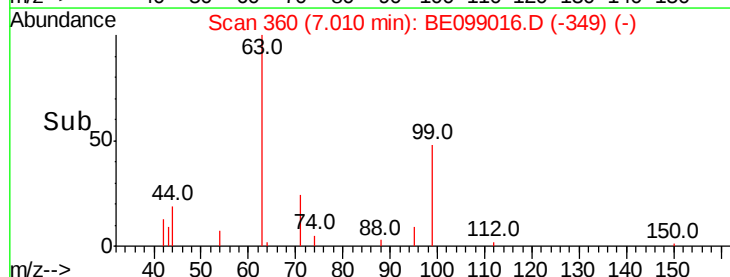
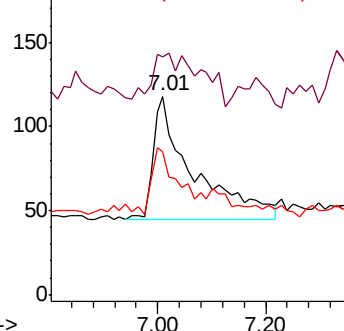
71 0.0 35.7 53.5#



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.01 min

Lab File: BE099016.D

Acq: 19 Mar 2019 1:09

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW306I-20190314

Tot Ion:136 Resp: 3773

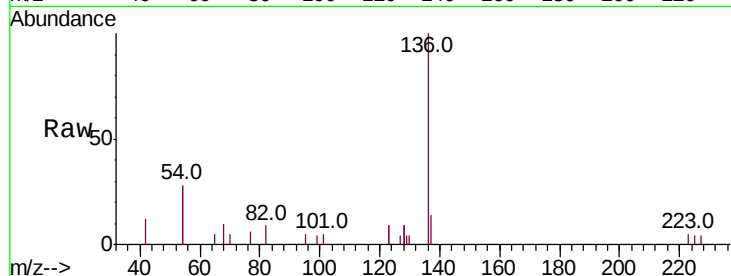
Ion Ratio Lower Upper

136 100

137 14.0 11.4 17.0

54 56.5 39.3 58.9

68 10.2 6.7 10.1#



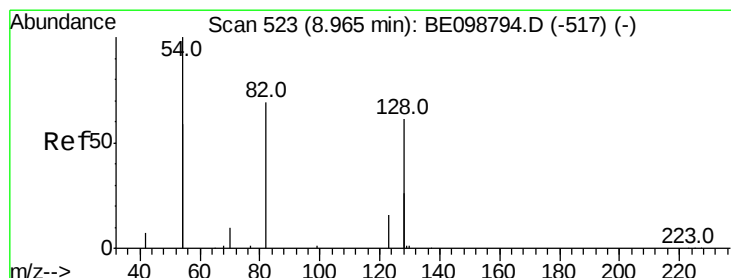
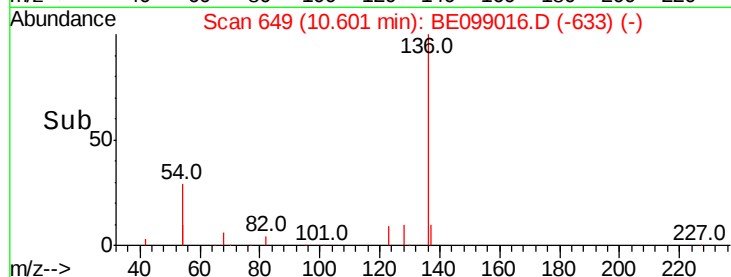
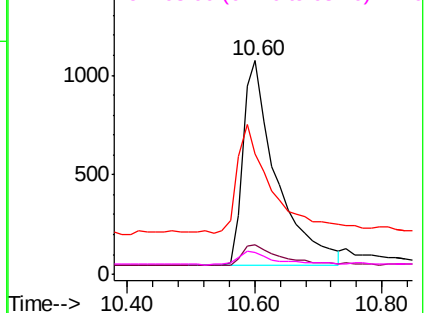
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.319 ng

RT: 9.00 min Scan# 526

Delta R.T. 0.04 min

Lab File: BE099016.D

Acq: 19 Mar 2019 1:09

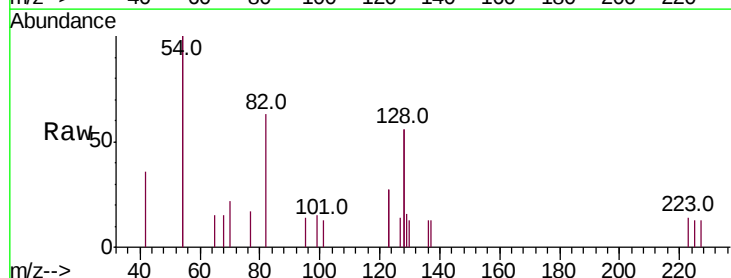
Tgt Ion: 82 Resp: 1264

Ion Ratio Lower Upper

82 100

128 179.5 123.8 185.8

54 320.0 203.4 305.2#

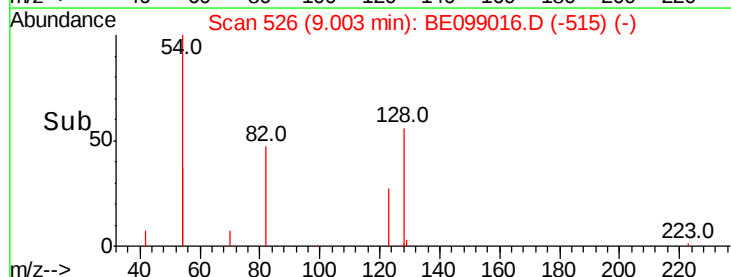
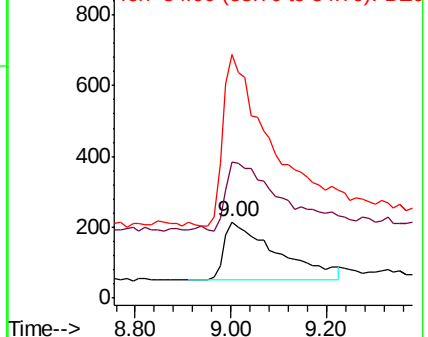


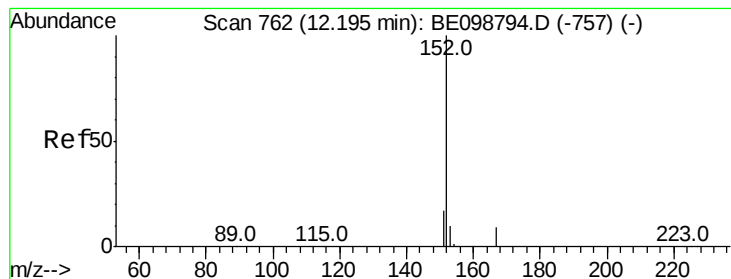
Abundance

Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.392 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.01 min

Lab File: BE099016.D

Acq: 19 Mar 2019 1:09

Instrument :

BNA_E

ClientSampleId :

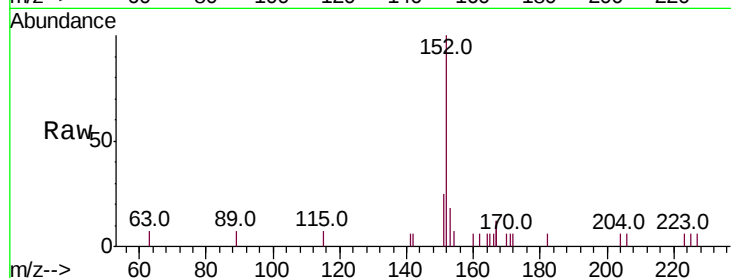
BPS1-TT-MW306I-20190314

Tot Ion:152 Resp: 2733

Ion Ratio Lower Upper

152 100

151 18.6 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.21

800

600

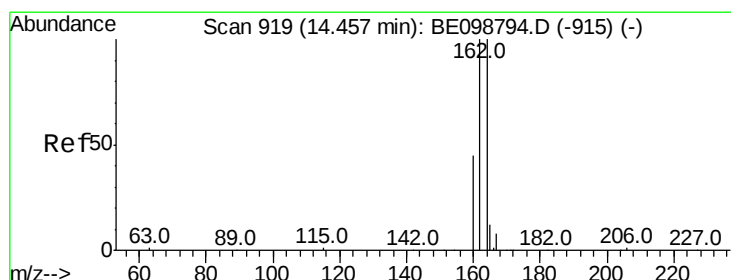
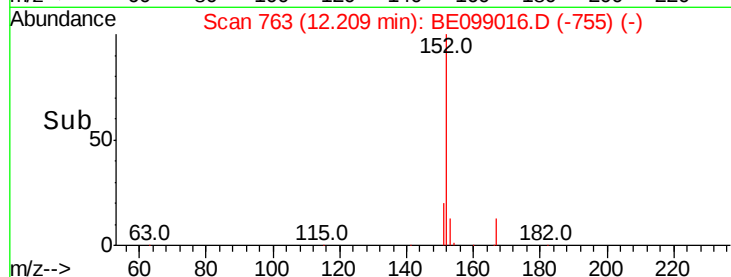
400

200

0

12.20 12.40

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. -0.00 min

Lab File: BE099016.D

Acq: 19 Mar 2019 1:09

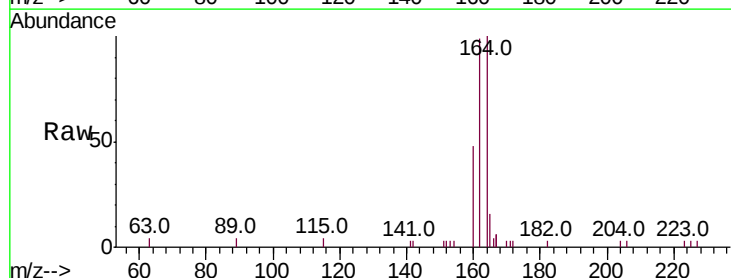
Tgt Ion:164 Resp: 2734

Ion Ratio Lower Upper

164 100

162 99.4 80.2 120.2

160 47.7 37.8 56.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

14.46

2000

1500

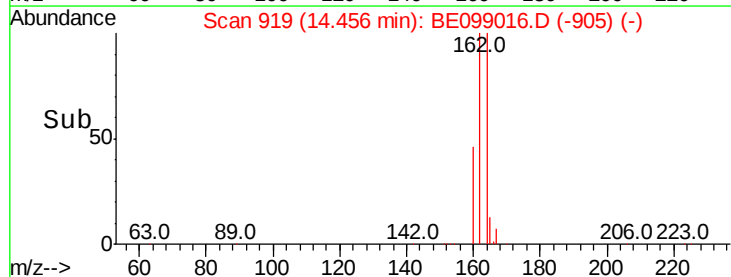
1000

500

0

14.40 14.60

Time-->





#14

2,4,6-Tribromophenol

Concen: 0.311 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE099016.D

Acq: 19 Mar 2019 1:09

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW306I-20190314

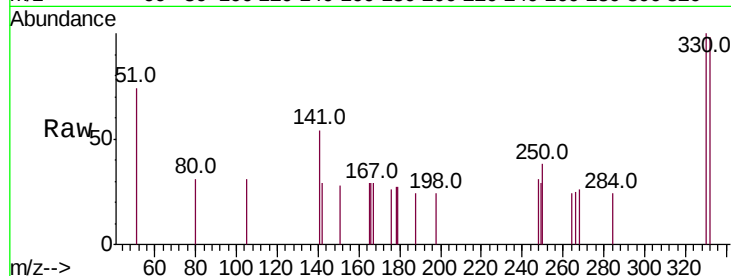
Tot Ion:330 Resp: 429

Ion Ratio Lower Upper

330 100

332 97.7 77.6 116.4

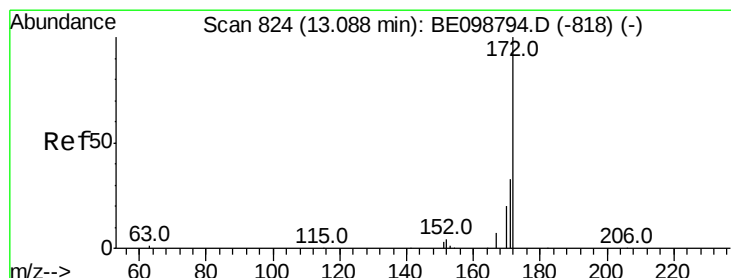
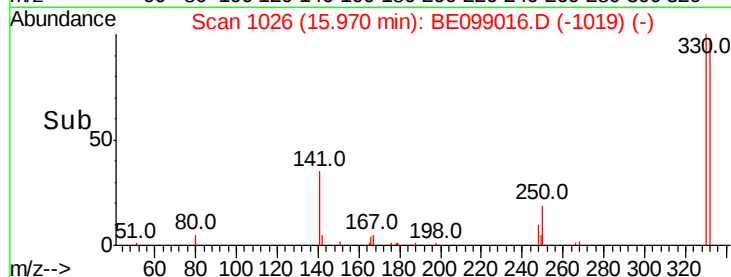
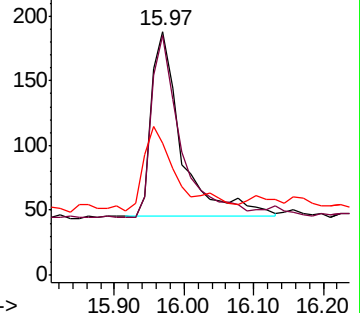
141 52.2 31.0 46.4#



Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#15

2-Fluorobiphenyl

Concen: 0.399 ng

RT: 13.09 min Scan# 824

Delta R.T. -0.00 min

Lab File: BE099016.D

Acq: 19 Mar 2019 1:09

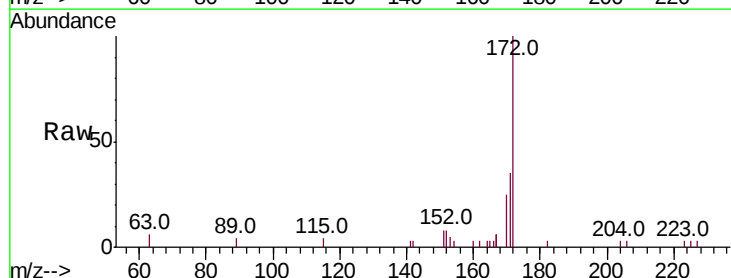
Tgt Ion:172 Resp: 4511

Ion Ratio Lower Upper

172 100

171 34.8 28.0 42.0

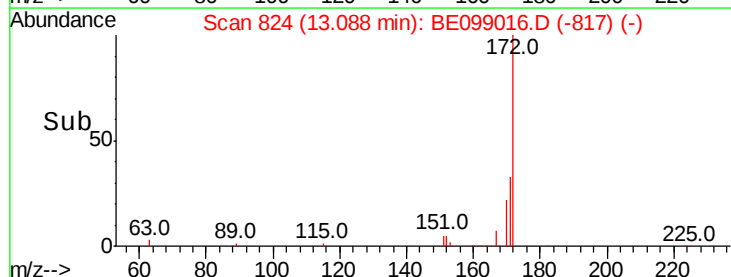
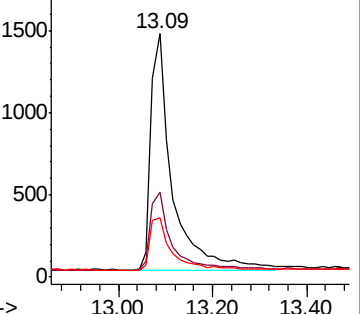
170 24.5 17.7 26.5

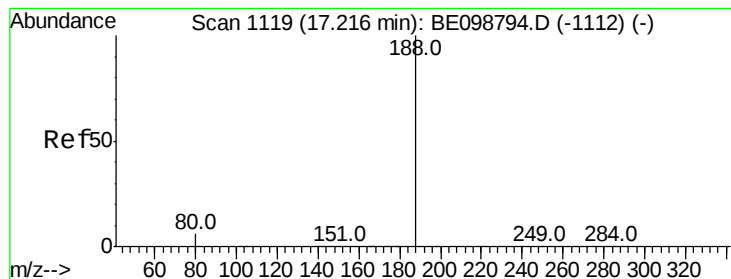


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE099016.D

Acq: 19 Mar 2019 1:09

Instrument :

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ClientSampleId :

BPS1-TT-MW306I-20190314

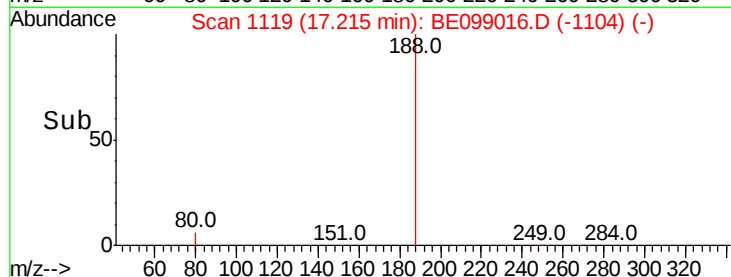
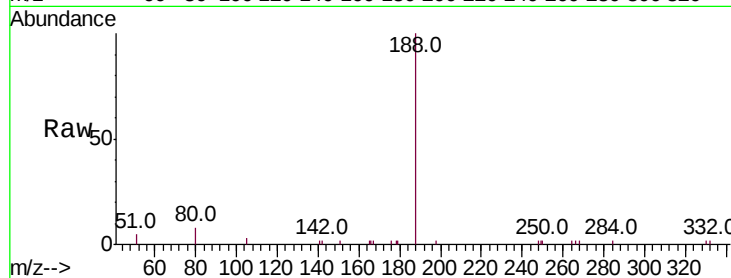
Tot Ion:188 Resp: 6453

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

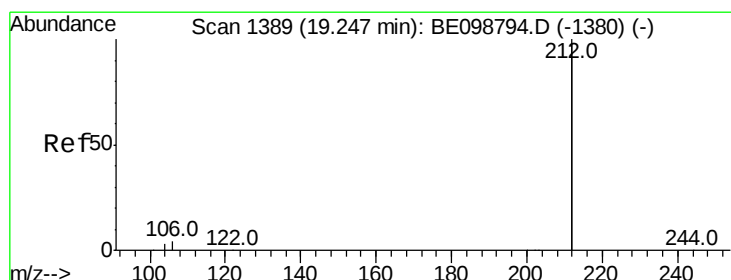
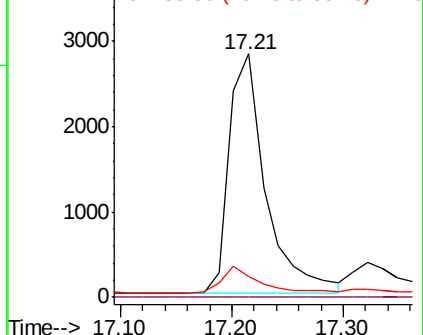
80 8.4 6.3 9.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#25

Fluoranthene-d10

Concen: 0.380 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE099016.D

Acq: 19 Mar 2019 1:09

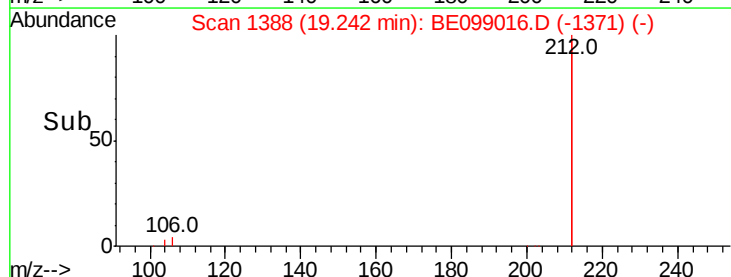
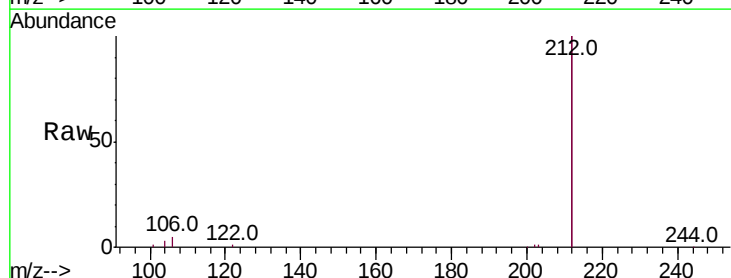
Tgt Ion:212 Resp: 39129

Ion Ratio Lower Upper

212 100

106 2.4 1.8 2.8

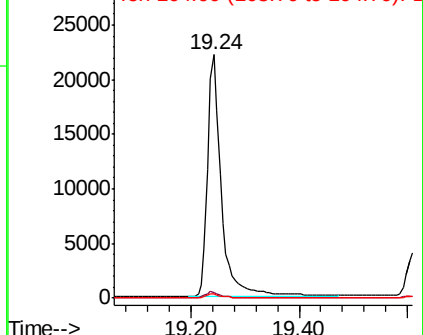
104 1.5 1.0 1.6

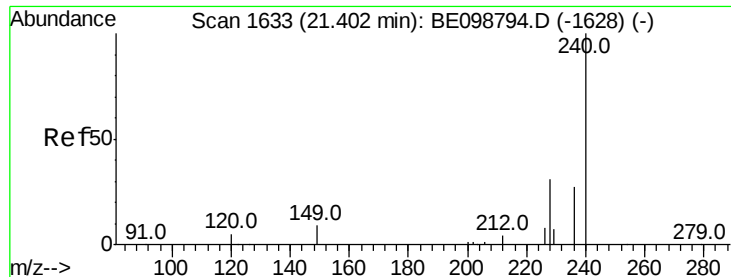


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BE099016.D

Acq: 19 Mar 2019 1:09

Instrument :

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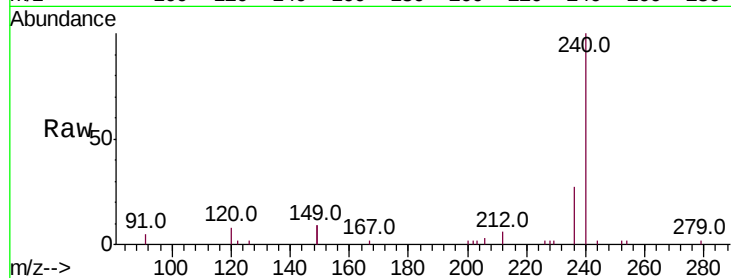
Tot Ion:240 Resp: 7450

Ion Ratio Lower Upper

240 100

120 8.1 5.0 7.4#

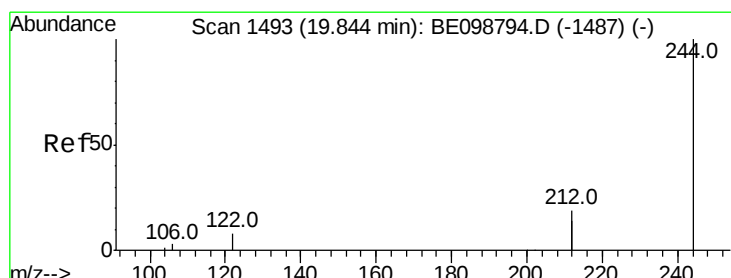
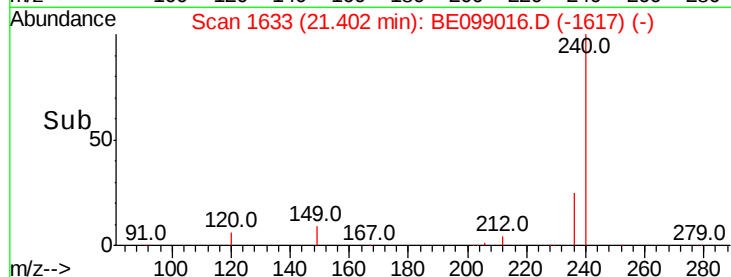
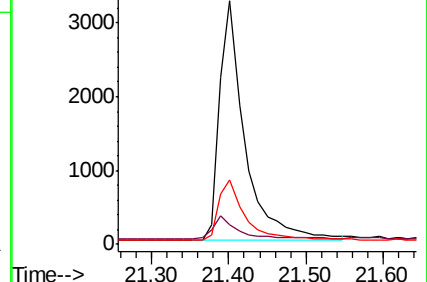
236 26.5 22.7 34.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#29

Terphenyl-d14

Concen: 0.381 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE099016.D

Acq: 19 Mar 2019 1:09

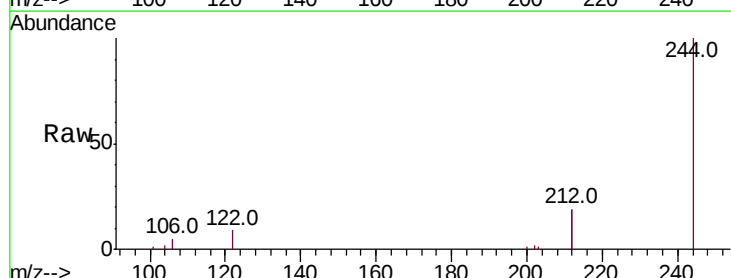
Tgt Ion:244 Resp: 6890

Ion Ratio Lower Upper

244 100

212 37.9 29.4 44.2

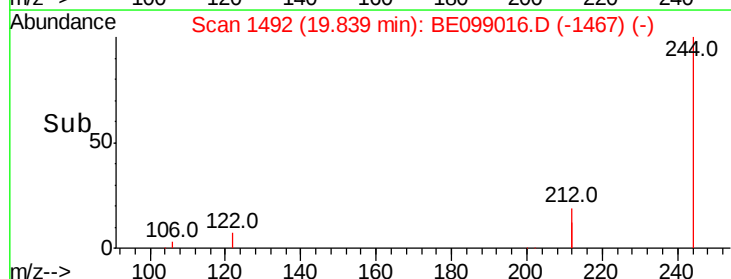
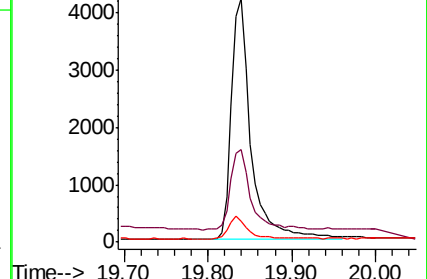
122 8.7 7.1 10.7

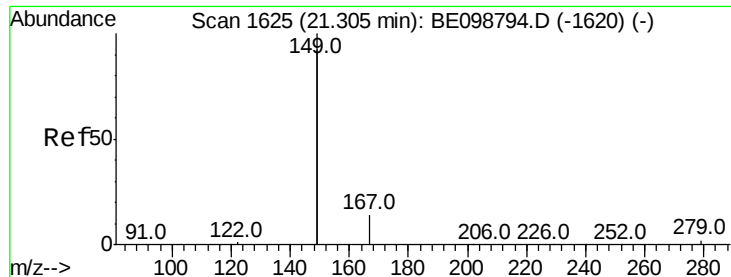


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

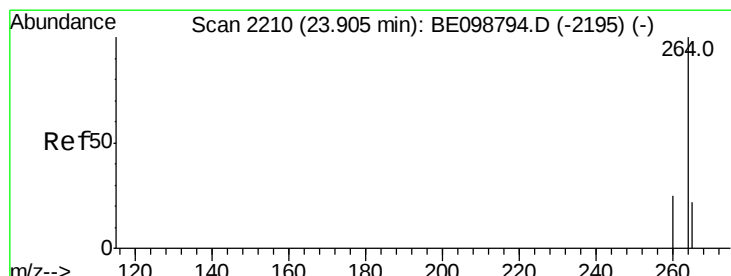
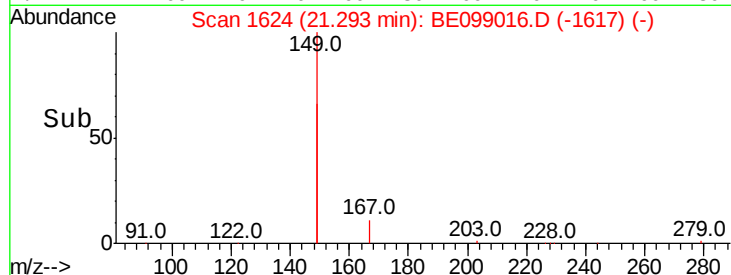
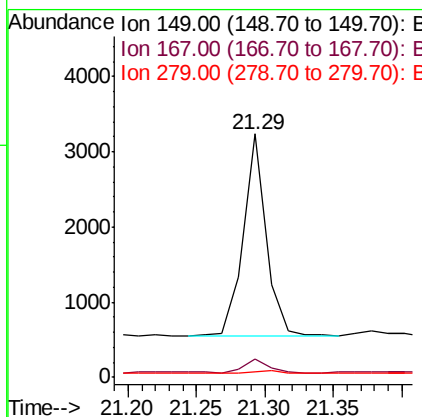
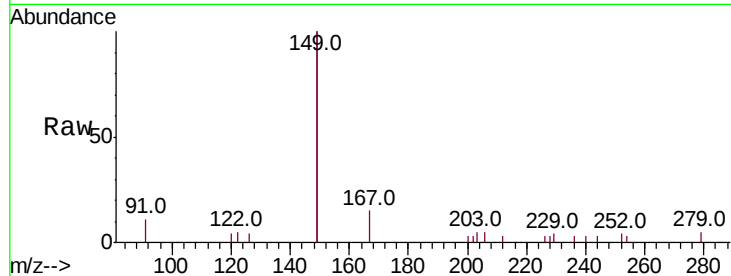




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.063 ng
 RT: 21.29 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BE099016.D
 Acq: 19 Mar 2019 1:09

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW306I-20190314

Tot Ion:149 Resp: 3133
 Ion Ratio Lower Upper
 149 100
 167 6.8 5.4 8.0
 279 2.0 1.0 1.4#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.90 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: BE099016.D
 Acq: 19 Mar 2019 1:09

Tgt Ion:264 Resp: 6713
 Ion Ratio Lower Upper
 264 100
 260 26.4 21.2 31.8
 265 30.4 24.6 36.8

